

PATENT
Attorney Docket No.: 9113-2-DI1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of
Randell L. Mills

Serial No.: 08/467,911

Filed: June 6, 1995

For: ENERGY/MATTER CONVERSION
METHODS AND STRUCTURES

Group Art Unit:
2204

Examiner:
H.E. Behrend

EXHIBITS 15 THROUGH 19, VOLUME III OF IV, SUPPORTING
DECLARATION OF RANDELL L. MILLS, M.D.,
UNDER 37 C.F.R. 1.32

CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.8(a)

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

BY Dynne W. Mills
DATE: 15 November 1995

| Testing Facility, Publication, or Reviewing Organization | Independent Test Facility | Report Date | Calorimetry Proof | Hydrino Proof | Dihidro Proof | Mills Exhibit |
|--|---------------------------|-------------|-------------------|---------------|---------------|---------------|
| HPC Recent Experimental Work | yes | Aug. '96 | yes | -- | -- | 1 |
| HPC and Franklin and Marshall College Report for Atlantic Energy Corporation | yes* | Jul. '96 | yes | yes | yes | 2 |
| Pennsylvania State University Report for HPC | yes | Jun. '96 | yes | -- | -- | 3 |
| Pennsylvania State University Report for HPC | yes | Jan. '96 | yes | -- | -- | 4 |
| NASA Lewis Research Center Technical Memorandum | yes | Feb. '96 | yes | -- | -- | 5 |
| Mills et al., 28 Fusion Technology 1697 | -- | Nov. '95 | yes | yes | yes | 6 |
| Jonathan Phillips 37 CFR 1.132 Declaration | yes | Jan. '95 | yes | -- | -- | 7 |
| MIT Lincoln Laboratories Final Report (ACC Project) | yes | Apr. '95 | yes | -- | -- | 8 |
| Mills et al., Analysis of MIT Lincoln Laboratories Data | -- | Jan. '95 | -- | -- | yes | 9 |
| Pennsylvania State University Report for HPC | yes | Sep. '94 | yes | -- | -- | 10 |
| Thermacore's Final Report for Aero Propulsion and Power Directorate, Wright Laboratory, Air Force Material Command | yes | May '94 | yes | yes | -- | 11 |
| Westinghouse STC Report | yes | Feb. '94 | yes | -- | -- | 12 |
| HPC Comments as to the Westinghouse STC Report | -- | Feb. '94 | yes | -- | -- | 13 |
| Thermacore Report, Hydrino Analysis by Lehigh University | yes | Mar. '94 | yes | yes | -- | 14 |
| Charles Evans & Associates XPS/ESCA Results | yes | Nov. '94 | -- | yes | -- | 15 |
| Charles Evans & Associates TOF-SIMS Results | yes | Mar. '94 | -- | yes | -- | 16 |
| Mills et al., 25 Fusion Technology 103 | yes* | Jan. '94 | yes | yes | yes | 17 |
| Idaho National Engineering Laboratory (INEL) XPS Report | yes | Nov. '93 | -- | yes | -- | 18 |

| Testing Facility, Publication, or Reviewing Organization | Independent Test Facility | Report Date | Calorimetry Proof | Hydrogen Proof | Dihydrogen Proof | Mills Exhibit |
|---|---------------------------|-------------|-------------------|----------------|------------------|---------------|
| Lehigh University XPS Report, Zettlemoyer Center for Surface Studies, Sinclair Laboratory | yes | Nov. '93 | -- | yes | -- | 19 |
| Idaho National Engineering Laboratory (INEL) Excess Heat and XPS Report | yes | Jan. '93 | yes | yes | -- | 20 18 |
| Atomic Energy Of Canada Ltd., Chalk River Laboratories Study | yes | Nov. '93 | yes | -- | -- | 21 |
| Moscow Power Engineering Institute, Appl. No. '845 Affidavit | yes | Feb. '93 | yes | -- | -- | 22 |
| Testimony for Subcommittee on Energy of the Committee on Science, Space and Technology of U.S. Congress | -- | May '93 | yes | -- | -- | 23 |
| Shaubach and Gernert Affidavit Thermacore Testing Facility | yes | Aug. '92 | yes | -- | -- | 24 |
| Noninski, 21 Fusion Technology 163, Franklin and Marshall College Laboratory | yes | Mar. '92 | yes | -- | -- | 25 |
| Mills et al., 21 Fusion Technology 65 | -- | Aug. '91 | yes | -- | -- | 26 |
| Brookheaven National Laboratory, Department of Applied Science Letter | yes | Oct. '91 | yes | -- | -- | 27 |
| Discovery Documents from Arbitration No. 14 T 199 00196 H/J between HPC and AECL | -- | Mar. '93 | -- | -- | -- | 28 |
| R.T.Bush, 22 Fusion Technology 301 | -- | Sep. '92 | -- | -- | -- | 29 |
| Jones et al., 99 J. Phys. Chem. 6973 | -- | Apr. '95 | -- | -- | -- | 30 |
| Notoya et al., Proc. of the Int'l Conf. on Cold Fusion, 421-426 | -- | Oct. '92 | -- | -- | -- | 31 |
| * - conducted by Thermacore and HPC | | | | | | |